WHAT IS CLAIMED IS:

1. An olefin-based resin composition comprising the following resin components:

(a) 39 - 94 parts by weight of a propylene polymer having a melt flow rate of 0.1 - 5 g/10 min. and selected from propylene homopolymers and propylene-ethylene copolymers having a propylene content of at least 50% by weight,

(b) 1 - 20 parts by weight of a polypropylene modified with 0.1 - 10% by weight of an acid anhydride,

(c) 5 - 60 parts by weight of a styrene-based polymeric elastomer modified with 0.1 - 10% by weight of an acid anhydride

wherein a total of the components (a), (b) and (c) is 100 parts by weight and substantially no other resin component is present in the composition,

and further comprising

(d) 30 - 200 parts by weight of a metal hydroxide, based on 100 parts by weight of the resin components.

2. An olefin-based resin composition according to claim 1, wherein the amount of component (b) is 5 - 20 parts by weight, the amount of component (c) is 5 - 50 parts by weight, and the amount of component (d) is 50 - 150 parts by weight.

3. An olefin-based resin composition according to claim 1, wherein the acid anhydride in components (b) and (c) is maleic acid anhydride.

4. An olefin-based resin composition according to claim 1, wherein said metal hydroxide is magnesium hydroxide surface-treated with a silane coupling agent selected from the group consisting of an aminosilane coupling agent, a vinylsilane coupling agent and an epoxysilane coupling agent.

5. A method of preparing an olefin-based resin composition, comprising thoroughly mixing the following components:

(a) 39 - 94 parts by weight of a propylene polymer having a melt flow rate of 0.1 - 5 g/10 min. and selected from propylene homopolymers and propylene-ethylene copolymers having a propylene content of at least 50% by weight,

(b) 1 - 20 parts by weight of a polypropylene modified with 0.1 - 10% by weight of an acid anhydride,

(c) 5 - 60 parts by weight of a styrene-based polymeric elastomer modified with 0.1 - 10% by weight of an acid anhydride,

wherein a total of the components (a), (b) and (c) is 100 parts by weight, and

(d) 30 – 200 parts by weight of a metal hydroxide based on 100 parts by weight of the resin components, substantially no other resin component being included in the composition.

6. A method according to claim 5, wherein the amount of component (b) is 5 - 20 parts by weight, the amount of component (c) is 5 - 50 parts by weight, and the amount of component (d) is 50 - 150 parts by weight.

7. A method according to claim 5, wherein the acid anhydride in components (b) and (c) is maleic acid anhydride.

8. A method according to claim 5, wherein the metal hydroxide is magnesium hydroxide surface-treated with a silane coupling agent selected from the group consisting of an aminosilane coupling agent, a vinylsilane coupling agent and an epoxysilane coupling agent.

9. An electrical wire having an electrically conductive core and a covering on said core, said covering being an olefin-based resin composition comprising the following resin components:

(a) 39 - 94 parts by weight of a propylene polymer having a melt flow rate of 0.1 - 5 g/10 min. and selected from propylene homopolymers and propylene-ethylene copolymers having a propylene content of at least 50% by weight,

(b) 1 - 20 parts by weight of a polypropylene modified with 0.1 - 10% by weight of an acid anhydride,

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(c) 5 - 60 parts by weight of a styrene-based polymeric ~~elastomer~~ modified with 0.1 - 10% by weight of an acid anhydride

wherein a total of the components (a), (b) and (c) is 100 parts by weight and substantially no other resin component is present in the composition, and further comprising

(d) 30 - 200 parts by weight of a metal hydroxide, based on 100 parts by weight of the resin components.

10. An electrical wire according to claim 9, wherein the amount of component (b) is 5 - 20 parts by weight, the amount of component (c) is 5 - 50 parts by weight, and the amount of component (d) is 50 - 150 parts by weight.

11. An electrical wire according to claim 9, wherein the acid anhydride in components (b) and (c) is maleic acid anhydride.

12. An electrical wire according to claim 9, wherein said metal hydroxide is magnesium hydroxide surface-treated with a silane coupling agent selected from the group consisting of an aminosilane coupling agent, a vinylsilane coupling agent and an epoxysilane coupling agent.

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